

deffner & Johann

Supplies for RESTORATION | CONSERVATION | ART HANDLING – SINCE 1880

TECHNICAL DATA SHEET

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PLEXTOL D 498

PLEXTOL D 498 is a finely dispersed aqueous dispersion of a methacrylic ester-acrylic ester copolymer. The dispersion contains an anionic emulsifier system and is free from film forming aids, solvents and plasticizers.



For further information regarding this product please refer to:
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Property	Value	Unit	Method*
Solids Content	50	%	ISO 3251
pH Value	9,0		ISO 976
Viscosity	6000	mPa s	ISO 1652
Glass Transition Temperature	13	°C	
Density	1,05	g/cm ³	
Mean Particle Size	0,15	µm	
Minimum Film-Forming Temperature	5	°C	
Surface Tension	44	mN/m	
Water Absorption (24h)	10	%	
Tensile Strength	4	N/mm ²	
Elongation at Break	400	%	

* internal method based upon the specified norm

Application Advice

Above minimum film forming temperature PLEXTOL D 498 forms a clear, tack-free film. PLEXTOL D 498 is a pure acrylic dispersion with medium polymer hardness. The dispersion is used for the manufacture of high-grade non-yellowing and saponification-resistant facade paints, synthetic resin plasters, aerated concrete coatings, tinting paints and primers. PLEXTOL D 498 is also suitable for waterborne strippable coatings.

Processing

PLEXTOL D 498 is preserved against bacterial and fungal attack. In the manufacture of finished products, the material has to be retreated, as usual, with suitable biocides to give enhanced preservation.

Shipping and Storage

PLEXTOL D 498 is supplied in road tankers or in non-returnable plastics drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net weight 1,000 kg). PLEXTOL D 498 has to be stored protected from frost and, as far as possible, below 40 °C. Storage at temperatures between + 5 and + 30 °C is recommendable. PLEXTOL D 498 contains a preservative to counter microbial attack during transportation. To protect it against germination during subsequent storage, absolutely stringent plant hygiene and, under certain circumstances, the addition of suitable preservatives will be necessary. Care must be taken to ensure that drums and storage containers are tightly closed. During processing, storage and transport of the product contact with metals unprotected against corrosion (likewise non-ferrous metals) has to be avoided. When stored correctly PLEXTOL D 498 has a storage life of 12 months from date of delivery.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.

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